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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Fouillet et al.

) Group Art Unit 1655

Appl. No. : 09/627,647

Filed : July 28, 2000

For : INTEGRATION OF  
BIOCHEMICAL PROTOCOLS  
IN A CONTINUOUS FLOW  
MICROFLUIDIC DEVICE

) I hereby certify that this correspondence and all  
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) Commissioner for Patents, Washington, D.C.  
) 20231, on

September 4, 2001

(Date)

*Daniel Hart*  
Daniel Hart, Reg. No. 40,637

Examiner : Sisson, B.

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed May, 4, 2001 in the above-identified application, Applicant respectfully requests the Examiner to reconsider the above-captioned application in view of the foregoing amendments and the following comments.

The amended claims are shown on a separate set of pages attached hereto and entitled VERSION WITH MARKINGS TO SHOW CHANGES MADE, which follows the signature page of this Amendment. On this set of pages, the insertions are underlined while the ~~deletions are stricken through~~.

IN THE CLAIMS

09/10/2001 TGEDAMU1 00000004 09627647

01 FC:103  
02 FC:115

108.00 GP  
110.00 GP

Please amend the claims as follows:

A device comprising:

a microfluidic substrate comprising at least one pathway for sample flow; and

said microfluidic substrate further comprising at least one temperature regulated zone which is capable of cycling between at least two temperatures, said at least one temperature regulated zone being adapted to bring at least a portion of said sample